Alston & Bird LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000
(704) 444-1000
Fax (704) 444-1111

November 19, 2009

Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: United States Patent for *Restocking Of Open Shelving With A Hand Held Device*
Application No. 10/820,213; Filed April 7, 2004
Patent No. 7,568,627; Issued August 4, 2009
Our File 050704/306277

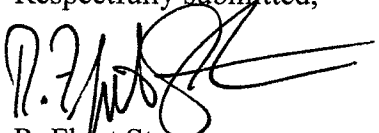
Sir:

It is respectfully requested that a Certificate of Correction be issued for the above-identified patent, in accordance with 37 C.F.R. §1.322. This request is made in order to correct the mistakes incurred through the fault of the United States Patent and Trademark Office ("USPTO").

**Applicant respectfully submits that the patent printed with ten pages of drawings missing. Please note that the Filing Receipt indicates 19 drawings. The drawings available in PAIR have 19 pages. The application published with 19 pages of drawings.**

The mistakes appearing in the patent are set forth on the Certificate of Correction e-filed herewith.

Respectfully submitted,



R. Flynt Strean
Registration No. 56,450

/kc
Enclosures
LEGAL02/31631909v1

# UNITED STATES PATENT AND TRADEMARK OFFICE
# CERTIFICATE OF CORRECTION

PATENT NO. : 7,568,627 B2 

APPLICATION NO. : 10/820,213

ISSUE DATE : August 4, 2009

INVENTOR(S) : Lunak *et al.*

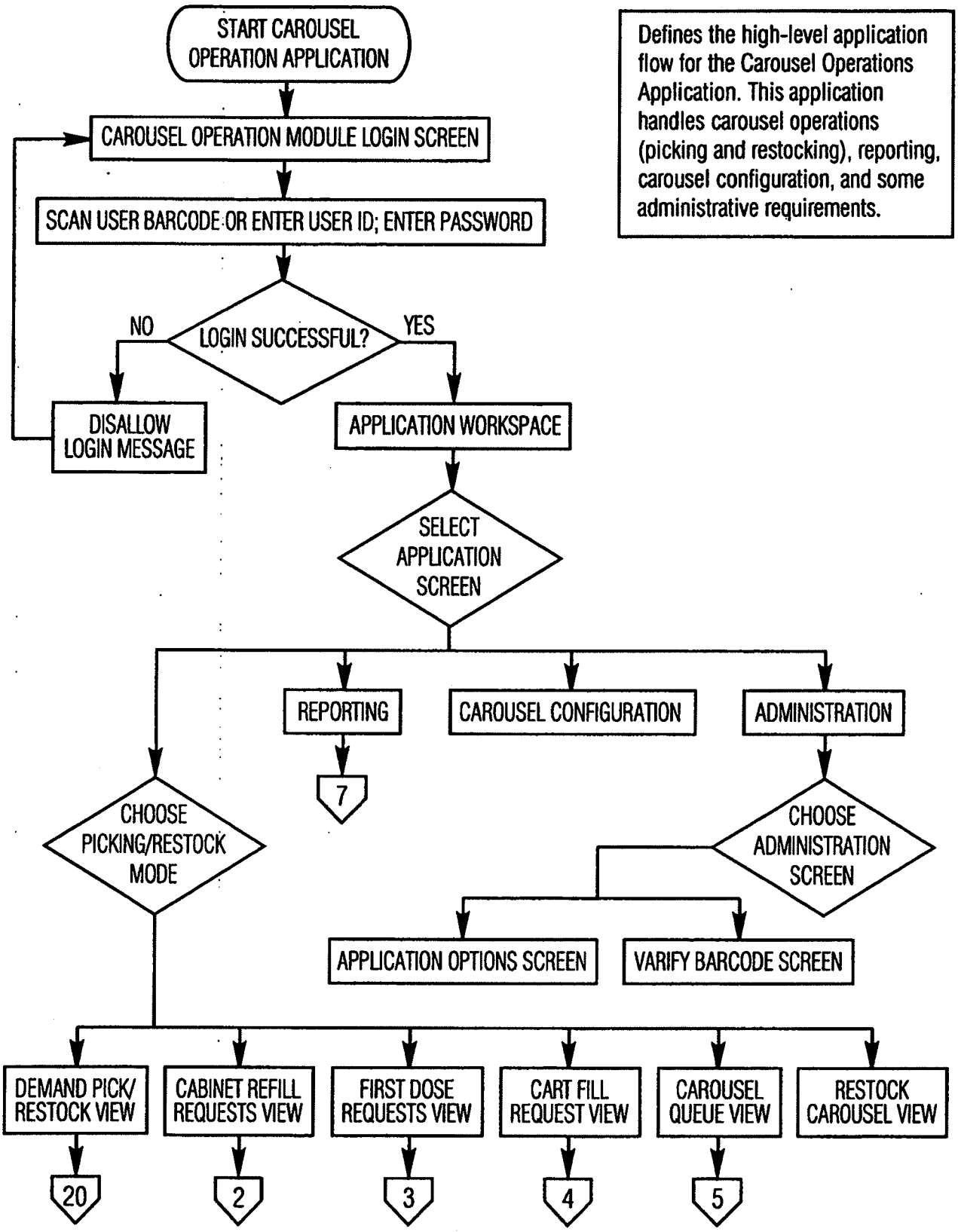
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, "9 Drawing Sheets" should read --19 Drawing Sheets--.

After page 9 of the drawings, insert the attached ten pages of drawings.

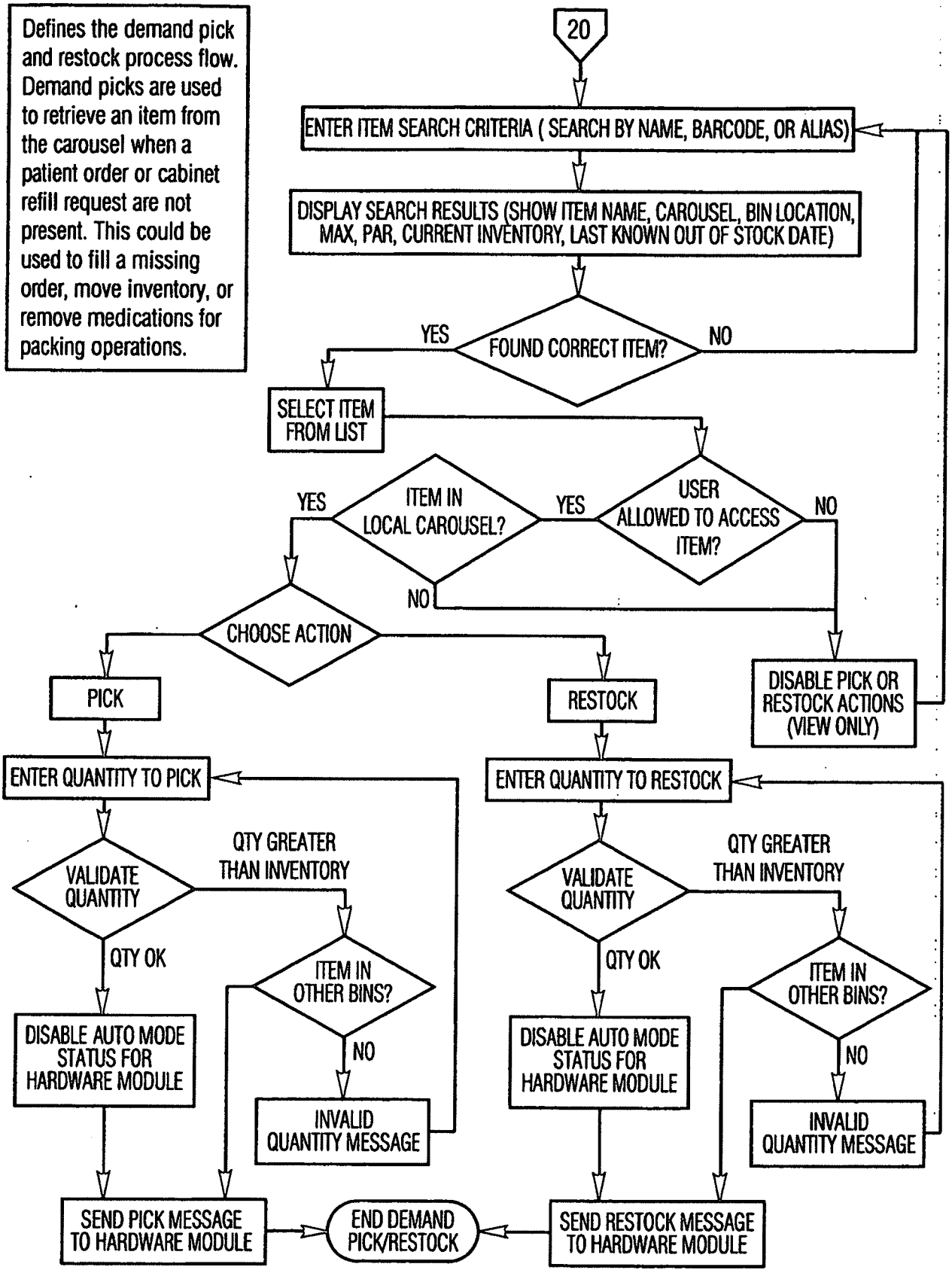
MAILING ADDRESS OF SENDER

ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000
Tel Charlotte Office (704) 444-1000


START CAROUSEL OPERATION APPLICATION
Defines the high-level application flow for the Carousel Operations Application. This application handles carousel operations (picking and restocking), reporting, carousel configuration, and some administrative requirements.
CAROUSEL OPERATION MODULE LOGIN SCREEN
SCAN USER BARCODE OR ENTER USER ID; ENTER PASSWORD
NO
LOGIN SUCCESSFUL?
YES
DISALLOW LOGIN MESSAGE
APPLICATION WORKSPACE
SELECT APPLICATION SCREEN
REPORTING
CAROUSEL CONFIGURATION
ADMINISTRATION
7
CHOOSE PICKING/RESTOCK MODE
CHOOSE ADMINISTRATION SCREEN
APPLICATION OPTIONS SCREEN
VARIFY BARCODE SCREEN
DEMAND PICK/ RESTOCK VIEW
CABINET REFILL REQUESTS VIEW
FIRST DOSE REQUESTS VIEW
CART FILL REQUEST VIEW
CAROUSEL QUEUE VIEW
RESTOCK CAROUSEL VIEW
20
2
3
4
5

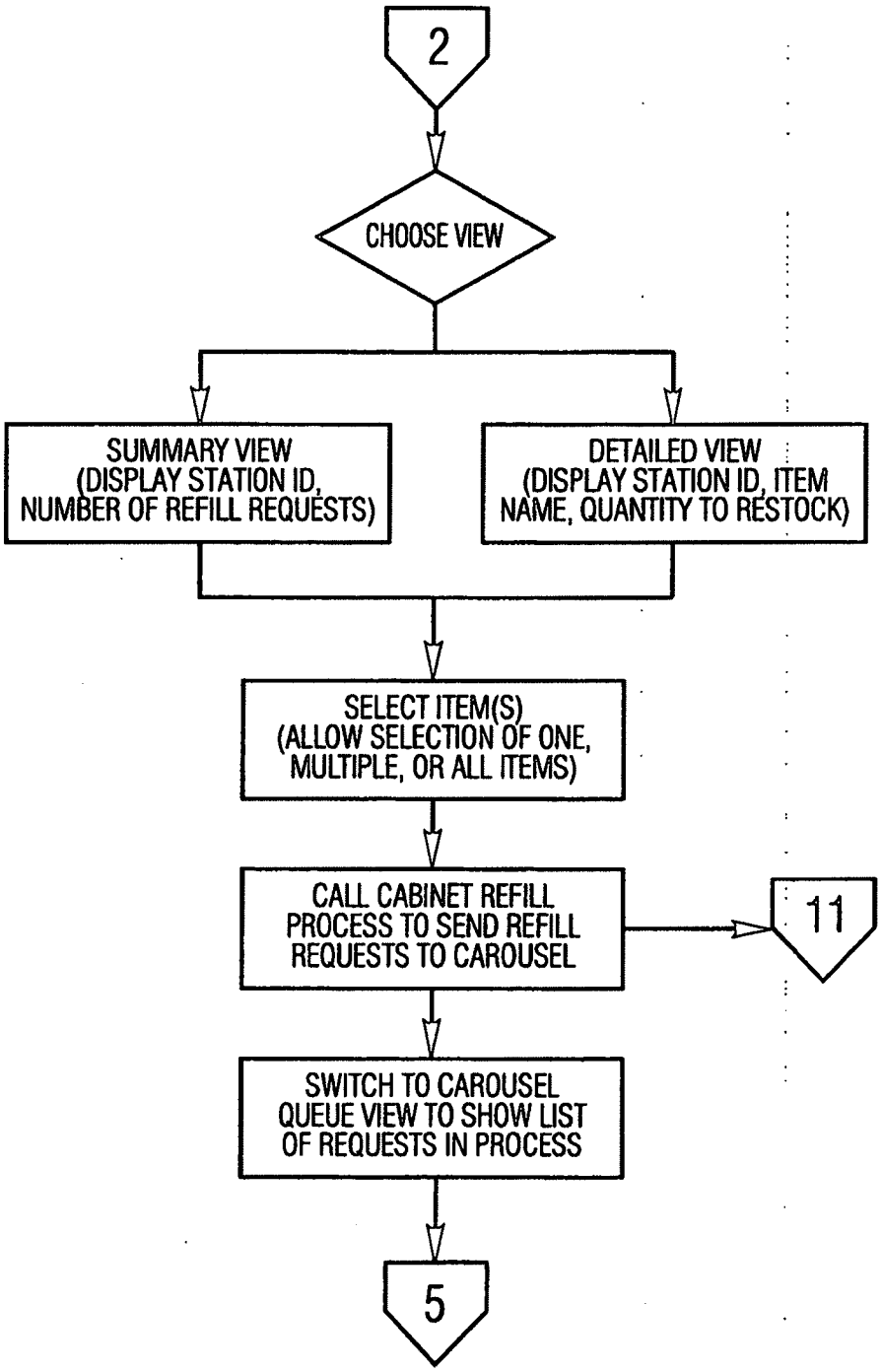
*A1*

Defines the demand pick and restock process flow. Demand picks are used to retrieve an item from the carousel when a patient order or cabinet refill request are not present. This could be used to fill a missing order, move inventory, or remove medications for packing operations.



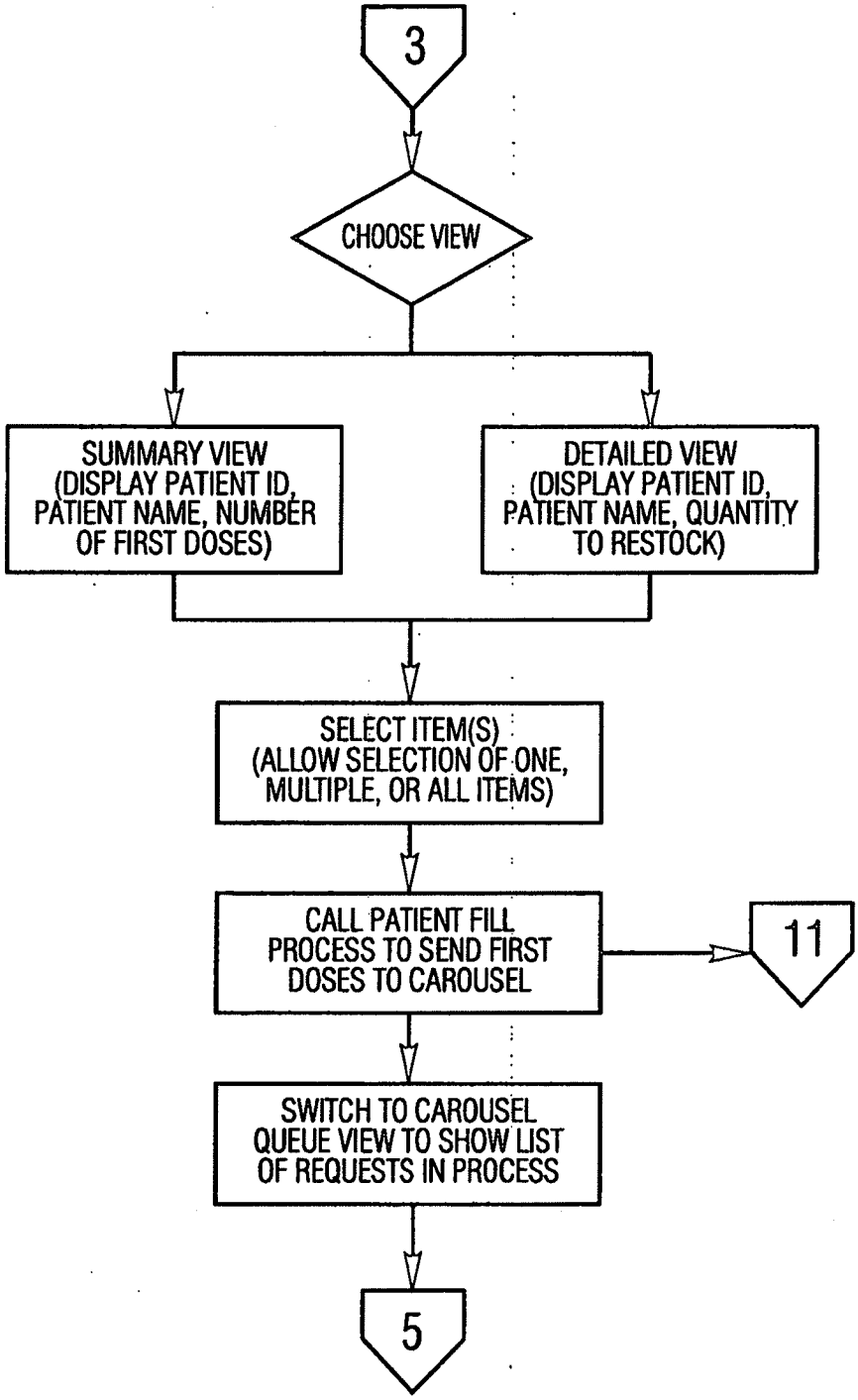

A2

Defines the cabinet refilling process. This allows the viewing of queued cabinet refill requests and the ability to selectively send these requests on a station or individual request level to the carousel.



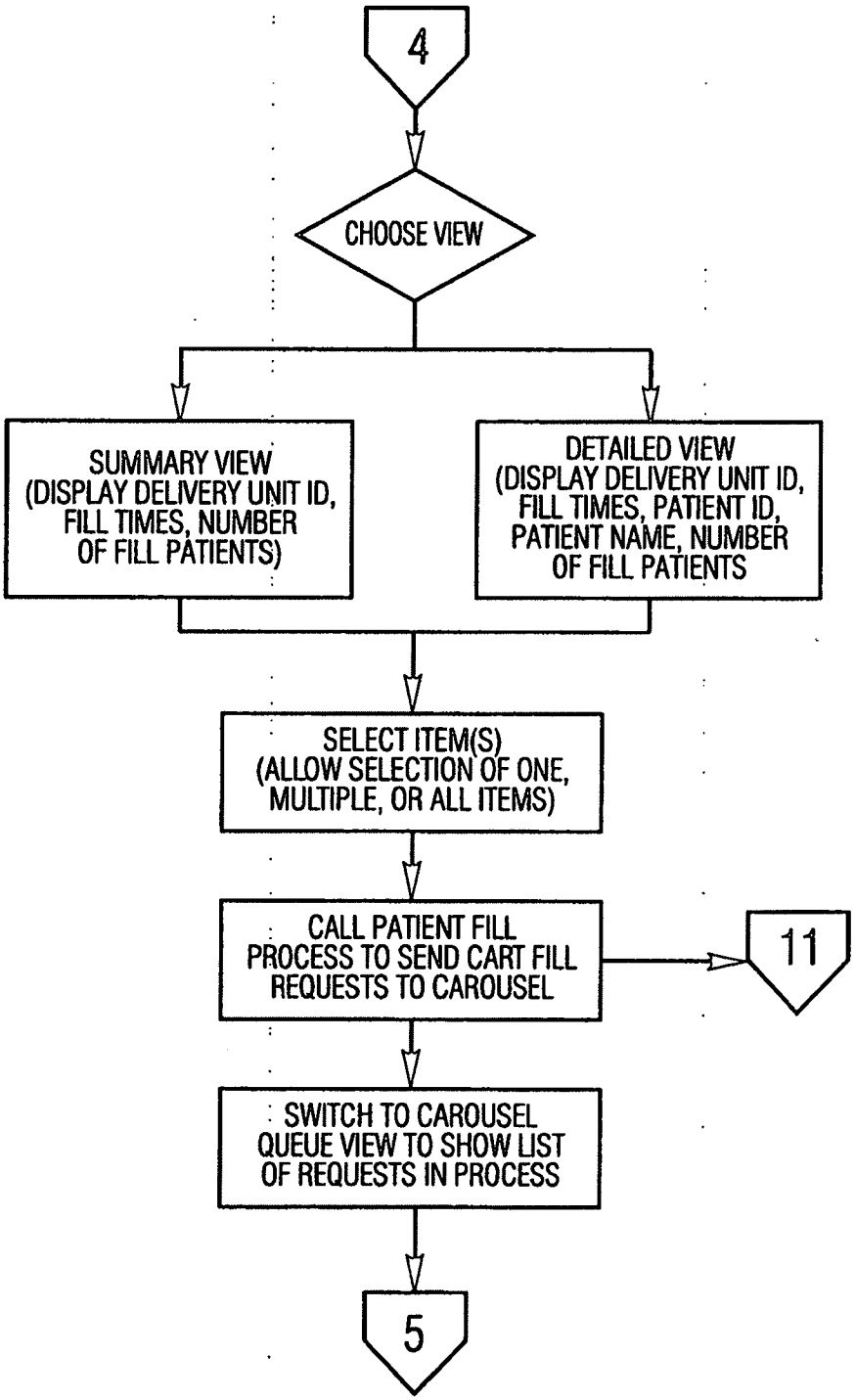

A3

Defines the patient first dose filling process. This allows the viewing of queued first doses and the ability to selectively send these requests on a patient or individual request level to the carousel.



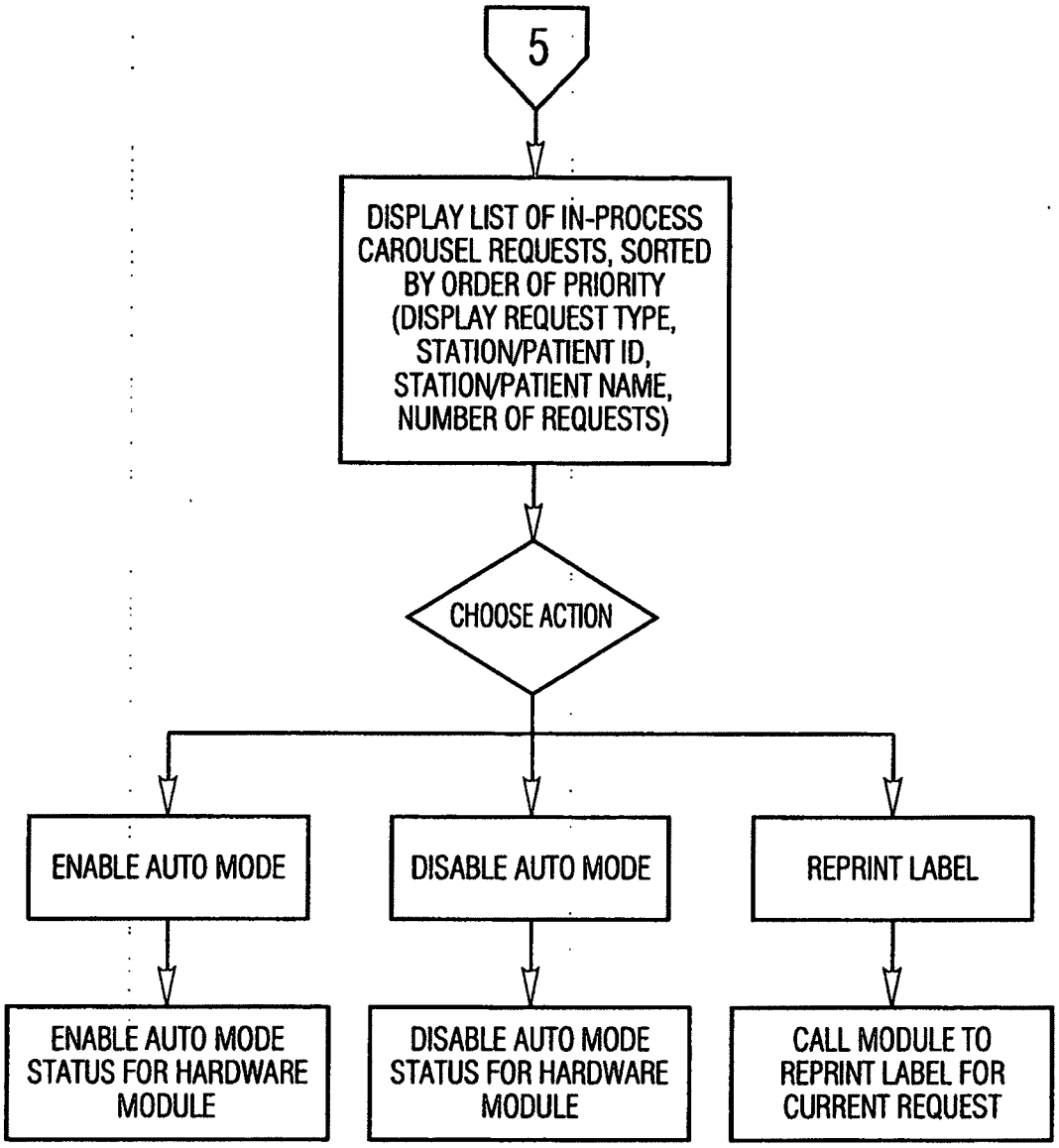

A4

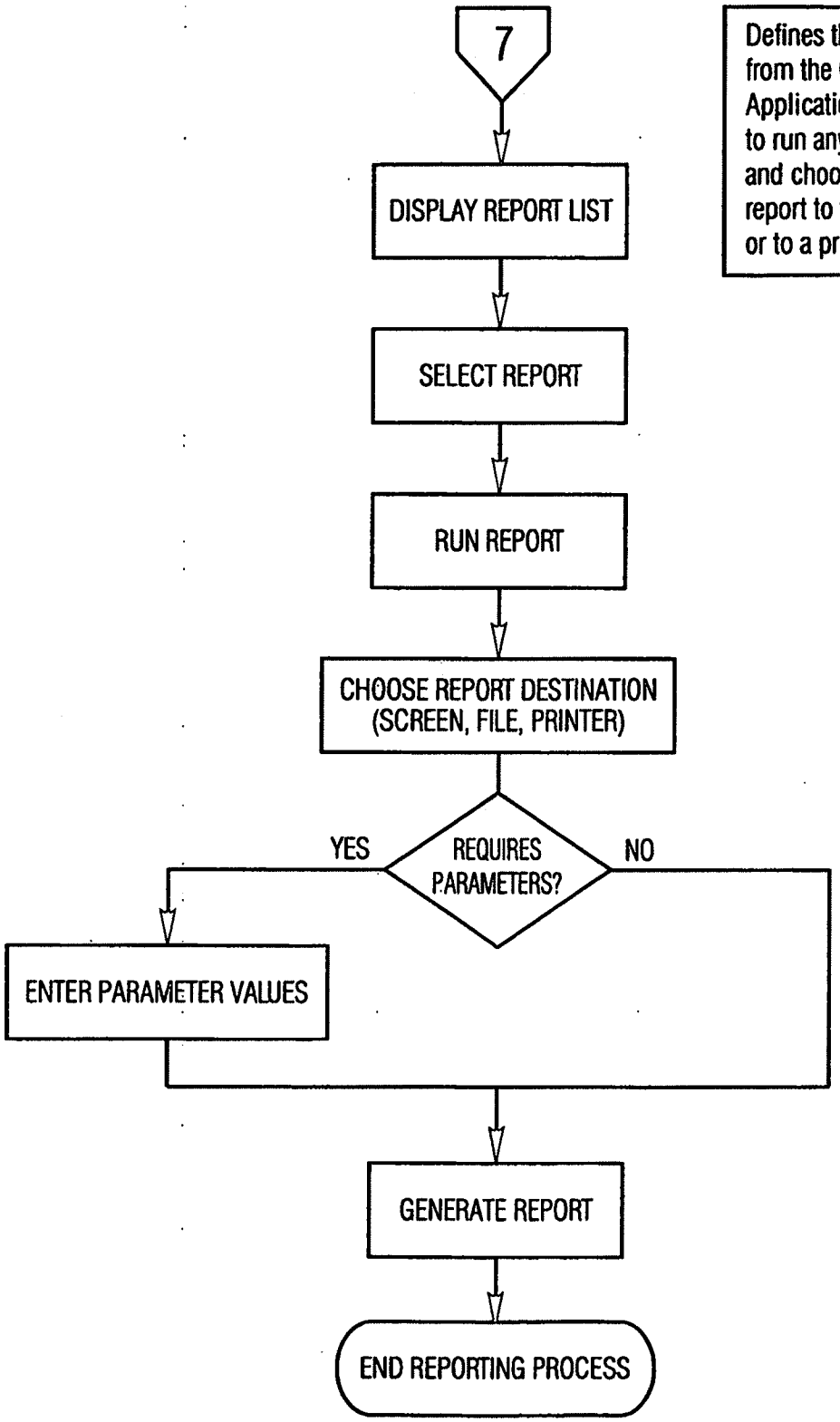
Defines the patient cart filling process. This allows the viewing of queued cart fill dispenses and the ability to selectively send these requests on a delivery unit or patient level to the carousel.



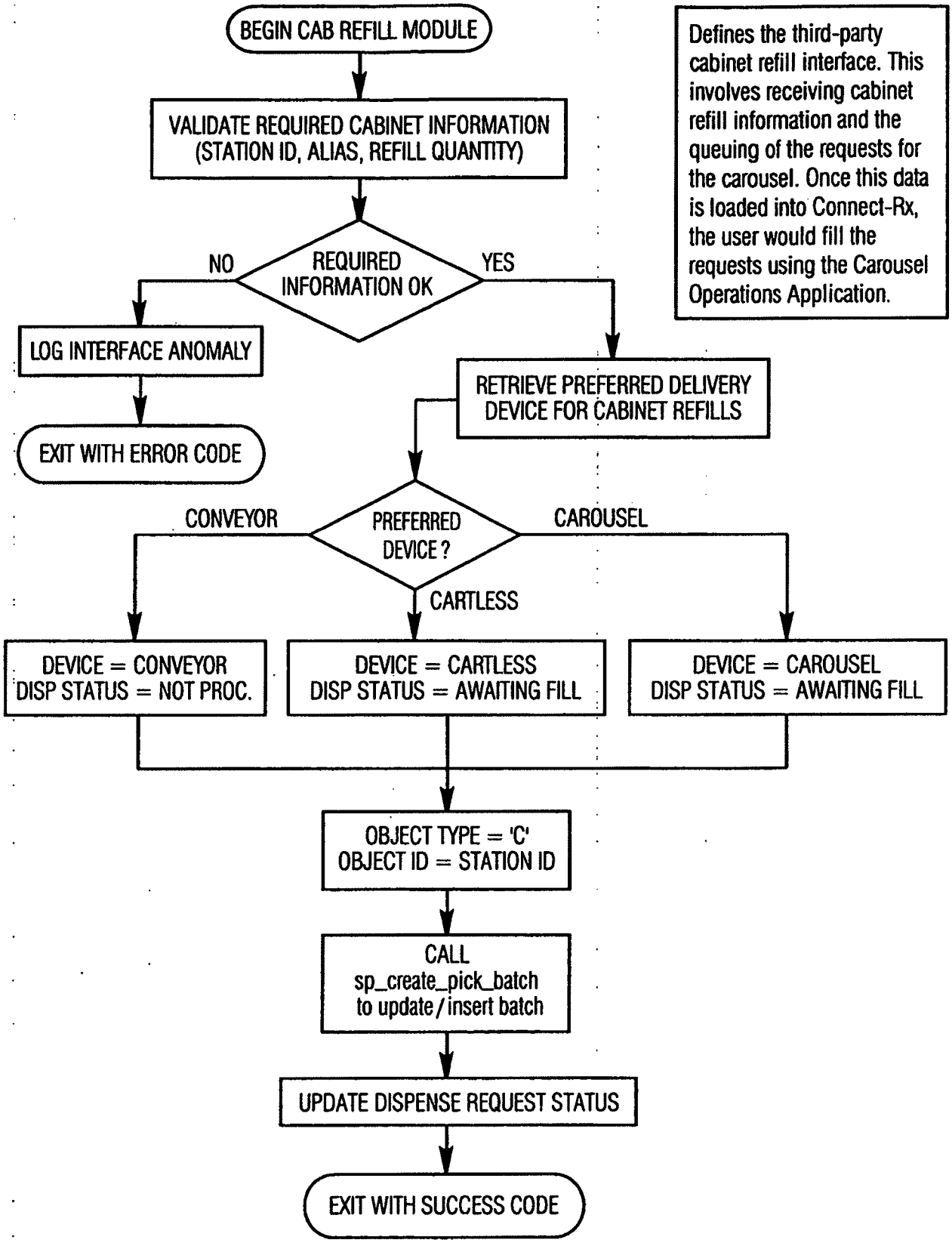

A5

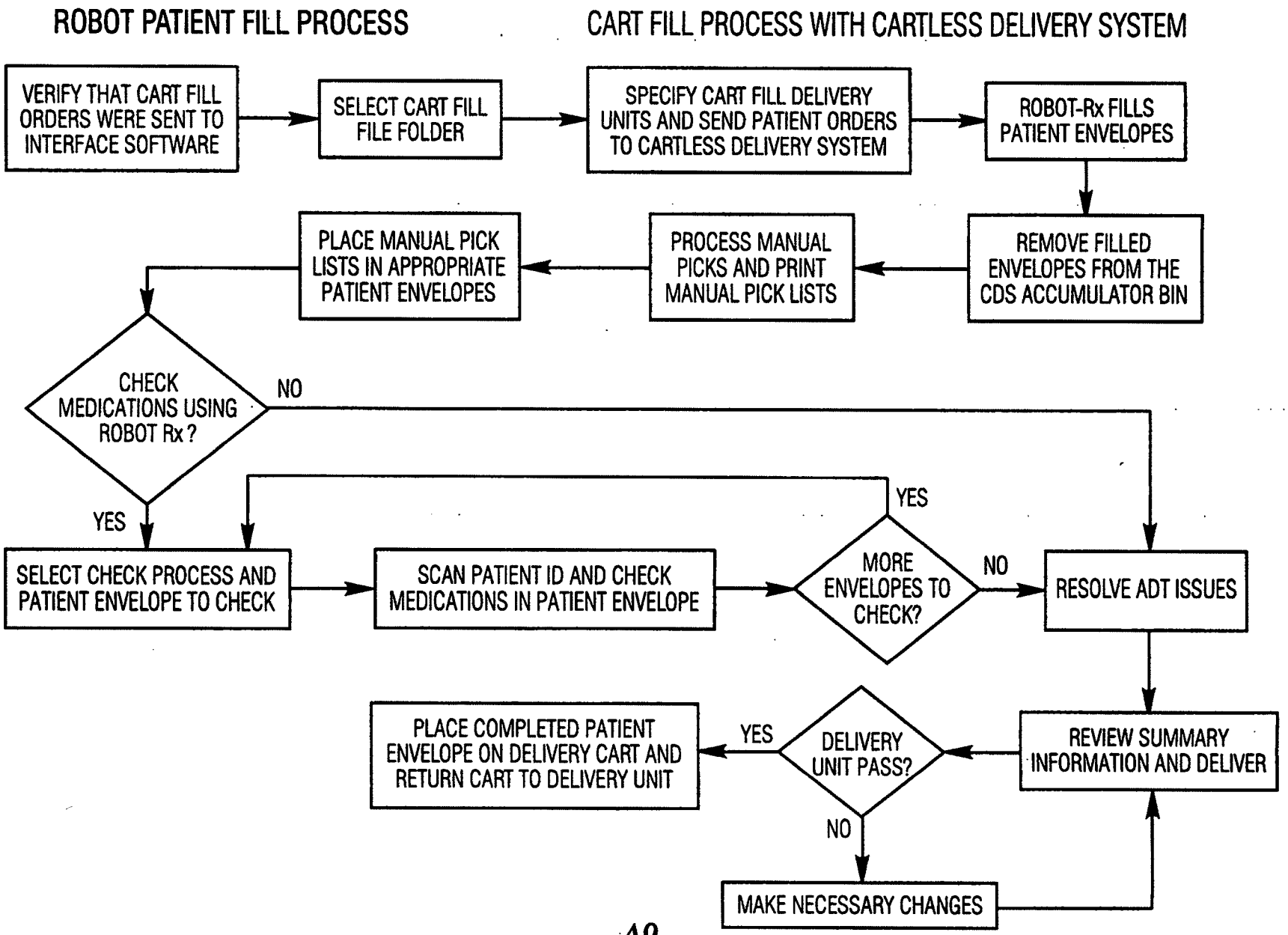
Defines the processing flow of the carousel queue screen. This screen displays the requests that have been sent to the carousel, including the request currently being processed and the requests that are waiting behind the current request. In auto-mode, the carousel will automatically move to the next request.





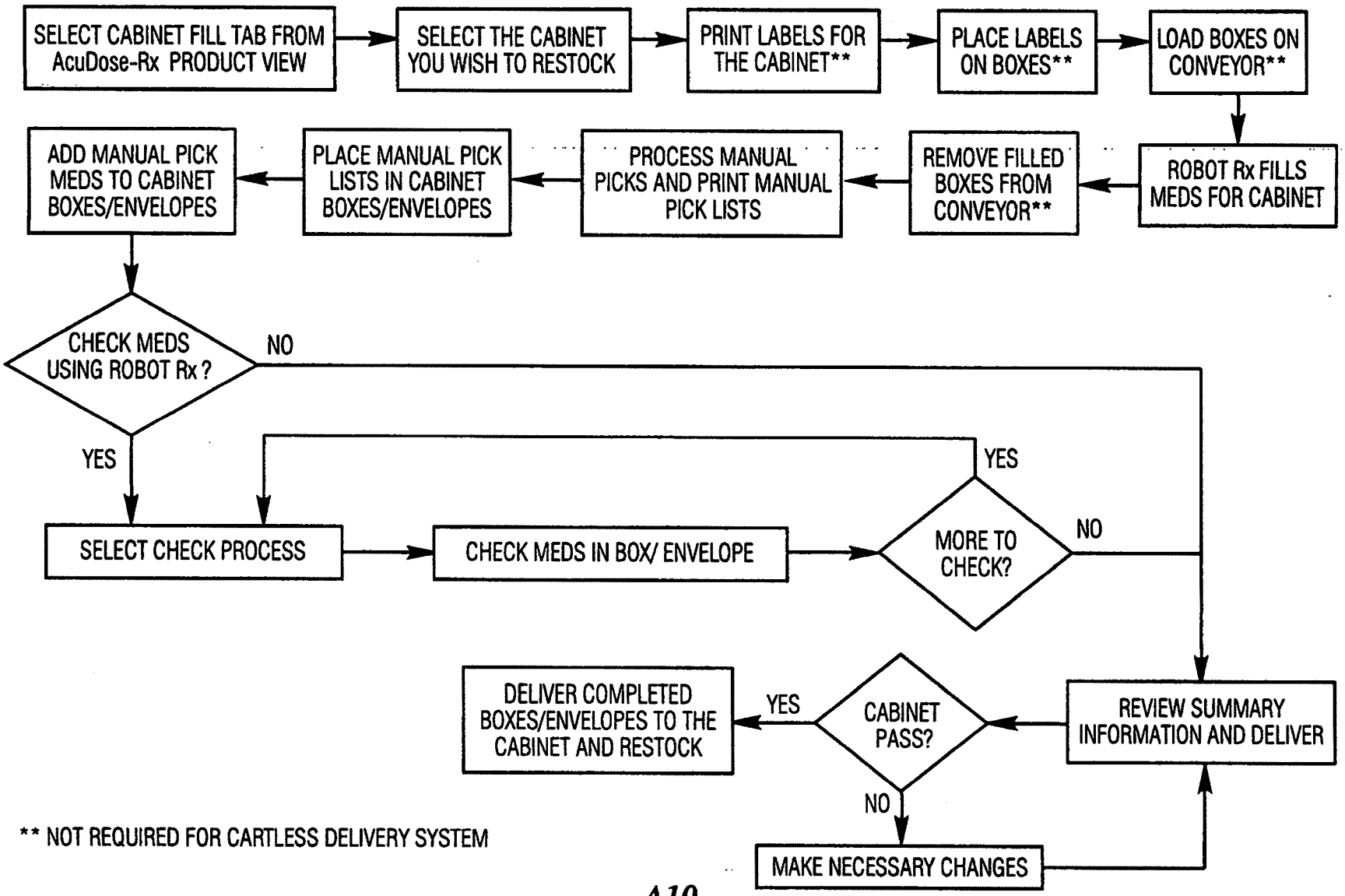

Defines the reporting process from the Carousel Operations Application. Users are allowed to run any configured report and choose to generate the report to the screen, to a file, or to a printer.


BEGIN CAB REFILL MODULE
VALIDATE REQUIRED CABINET INFORMATION (STATION ID, ALIAS, REFILL QUANTITY)
REQUIRED INFORMATION OK
NO
YES
LOG INTERFACE ANOMALY
EXIT WITH ERROR CODE
RETRIEVE PREFERRED DELIVERY DEVICE FOR CABINET REFILLS
PREFERRED DEVICE ?
CONVEYOR
CARTLESS
CAROUSEL
DEVICE = CONVEYOR
DISP STATUS = NOT PROC.
DEVICE = CARTLESS
DISP STATUS = AWAITING FILL
DEVICE = CAROUSEL
DISP STATUS = AWAITING FILL
OBJECT TYPE = 'C'
OBJECT ID = STATION ID
CALL sp_create_pick_batch to update / insert batch
UPDATE DISPENSE REQUEST STATUS
EXIT WITH SUCCESS CODE
Defines the third-party cabinet refill interface. This involves receiving cabinet refill information and the queuing of the requests for the carousel. Once this data is loaded into Connect-Rx, the user would fill the requests using the Carousel Operations Application.


ROBOT PATIENT FILL PROCESS
CART FILL PROCESS WITH CARTLESS DELIVERY SYSTEM
VERIFY THAT CART FILL ORDERS WERE SENT TO INTERFACE SOFTWARE
SELECT CART FILL FILE FOLDER
SPECIFY CART FILL DELIVERY UNITS AND SEND PATIENT ORDERS TO CARTLESS DELIVERY SYSTEM
ROBOT-Rx FILLS PATIENT ENVELOPES
REMOVE FILLED ENVELOPES FROM THE CDS ACCUMULATOR BIN
PROCESS MANUAL PICKS AND PRINT MANUAL PICK LISTS
PLACE MANUAL PICK LISTS IN APPROPRIATE PATIENT ENVELOPES
CHECK MEDICATIONS USING ROBOT Rx ?
NO
YES
SELECT CHECK PROCESS AND PATIENT ENVELOPE TO CHECK
SCAN PATIENT ID AND CHECK MEDICATIONS IN PATIENT ENVELOPE
MORE ENVELOPES TO CHECK?
YES
NO
RESOLVE ADT ISSUES
REVIEW SUMMARY INFORMATION AND DELIVER
DELIVERY UNIT PASS?
YES
NO
PLACE COMPLETED PATIENT ENVELOPE ON DELIVERY CART AND RETURN CART TO DELIVERY UNIT
MAKE NECESSARY CHANGES

## ROBOT CABINET FILL PROCESS

## CABINET RESTOCKING PROCESS




** NOT REQUIRED FOR CARTLESS DELIVERY SYSTEM